

Serial No. 10/689,312
Supplement Amdt. dated 19 December 2007

Amendments to the Specification:

Please replace paragraph [0044] with the following amended paragraph.

[0044] In the current embodiment, the rounding function $M_r = \text{Trunc}((V + E_r) / N)$ is employed, which prevents tasks from being lost or gained (where M_r represents the local mean for PE_r , N represents the total number of PEs 30 in the loop 50, and E_r represents a number in the range of 0 to $(N-1)$). The rounding function used by the current embodiment is discussed in more detail in U.S. Patent Application Serial No. 10/689,382 [[]] entitled "Rounding Algorithm for a Plurality of Parallel Processing Elements" filed October 20, 2003 (~~DI3001064-000, Micon no. 02-1269~~) and incorporated in its entirety by reference herein.